ABSTRACT

The invention concerns a method for solving an optimization task consisting of a plurality of sub-functions in the control of the operation of an apparatus. In the method, a set of a plurality of solution alternatives is generated and, according to the method, each sub-function is normalized. Normalized cost functions of the sub-functions are generated for each solution alternative for solving the optimization task, and based on the normalized cost functions of the sub-functions, a set of solutions to the optimization task is formed. From the set of solutions, the best solution is selected and the apparatus is controlled in accordance with the solution thus selected.

Fig. 5